

ABSTRACT

DEVICE AND METHOD FOR TESTING THE LEAK-TIGHTNESS OF A  
TIMEPIECE CASE

The present invention concerns a device for monitoring the water resistance of a case (2) of an electronic timepiece (1) including a time base (42) for generating a standard frequency signal and a central processing unit (44) for determining the time from the standard signal, characterized in that it includes an electronic sensor (32) capable of measuring fluctuations in the concentration of a gas in the atmosphere contained in the case (2), the results of the measurement carried out by the electronic sensor (32) being processed by the central processing unit (44) which, in response to the measurement signal, emits, if necessary, an acoustic or visual alarm.

10 Figure 1